

FIG. 1

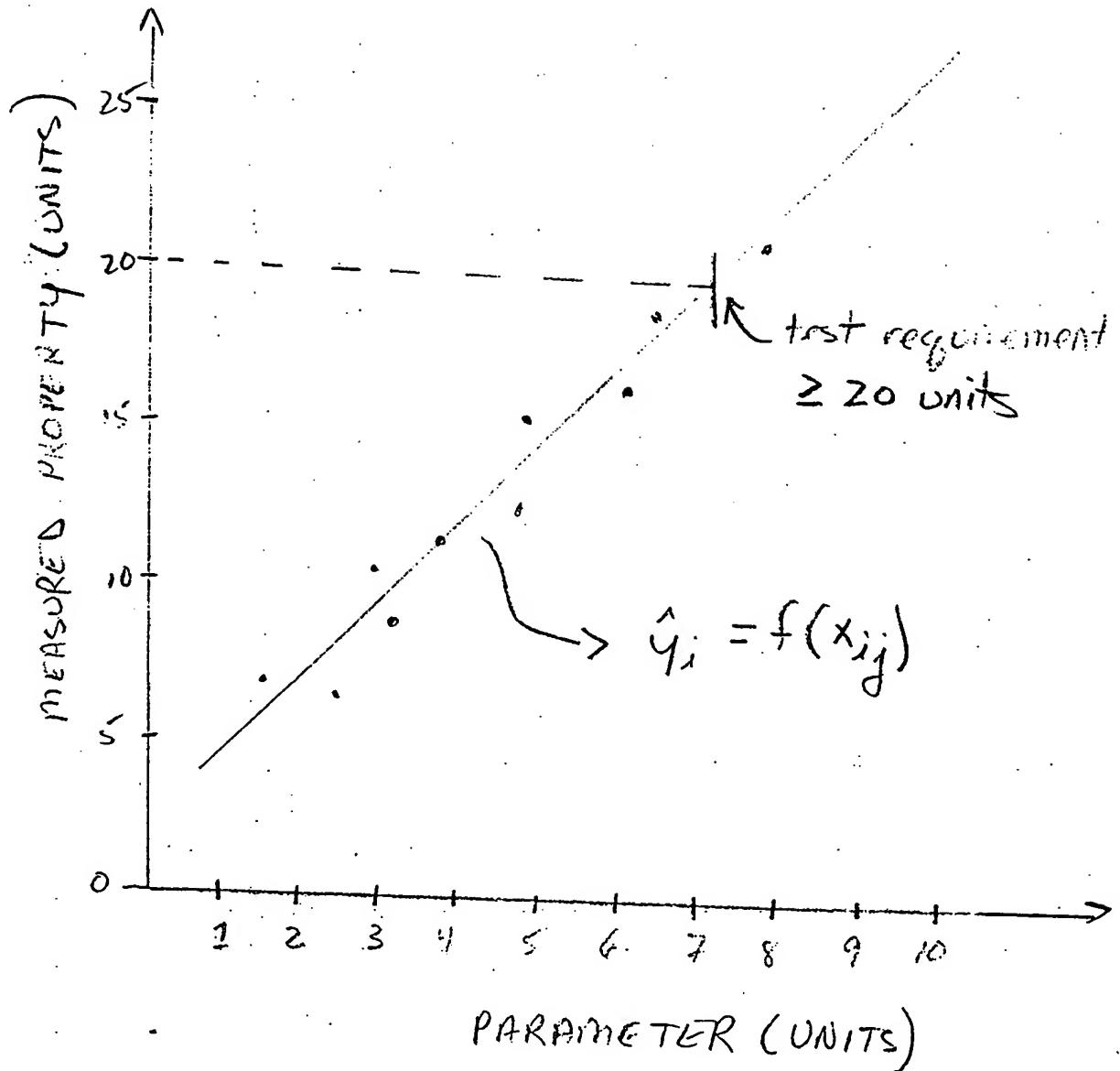


FIG. 2

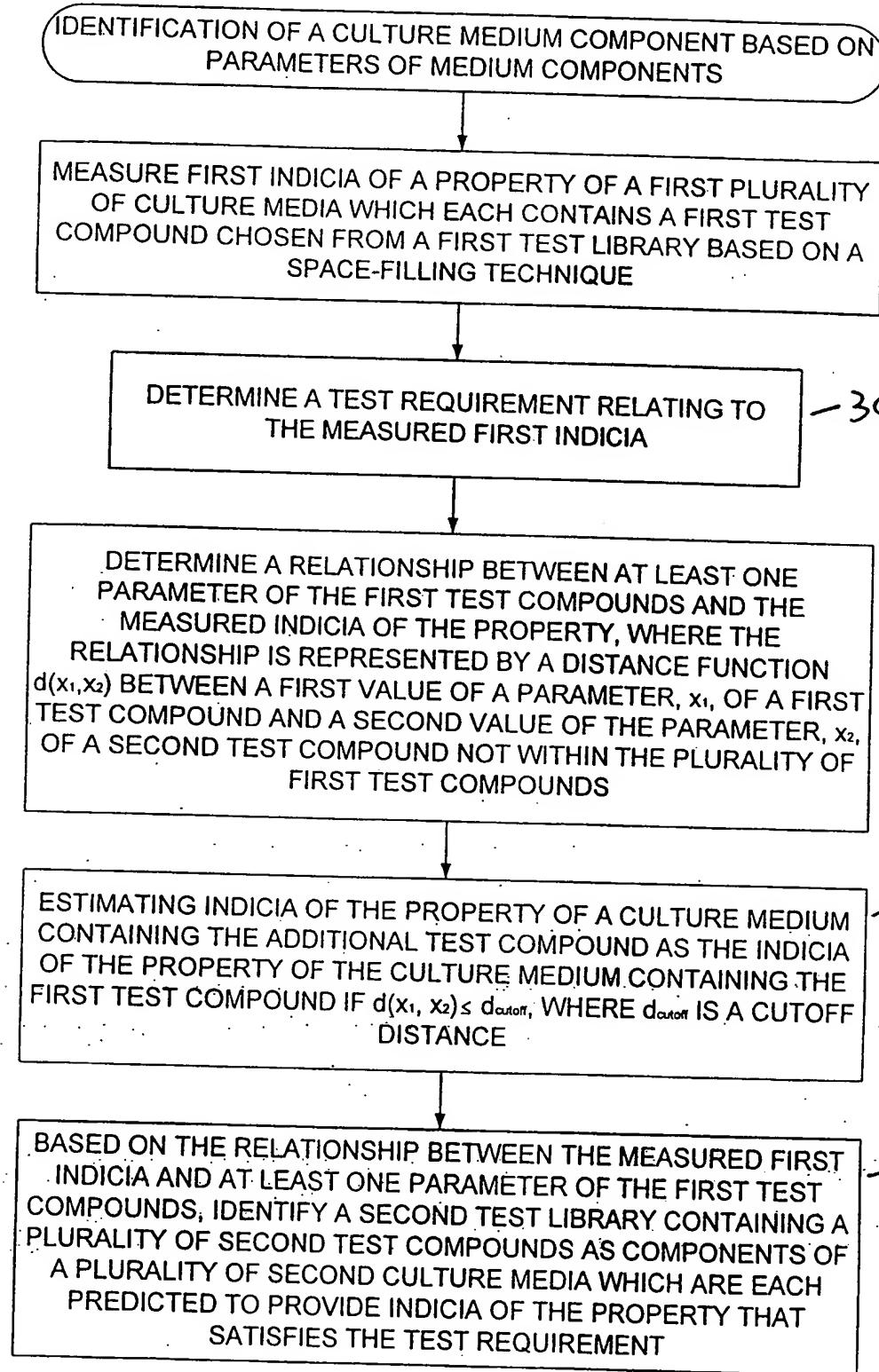


FIG. 3

IMPERFECT PROPERTY (UNITS)

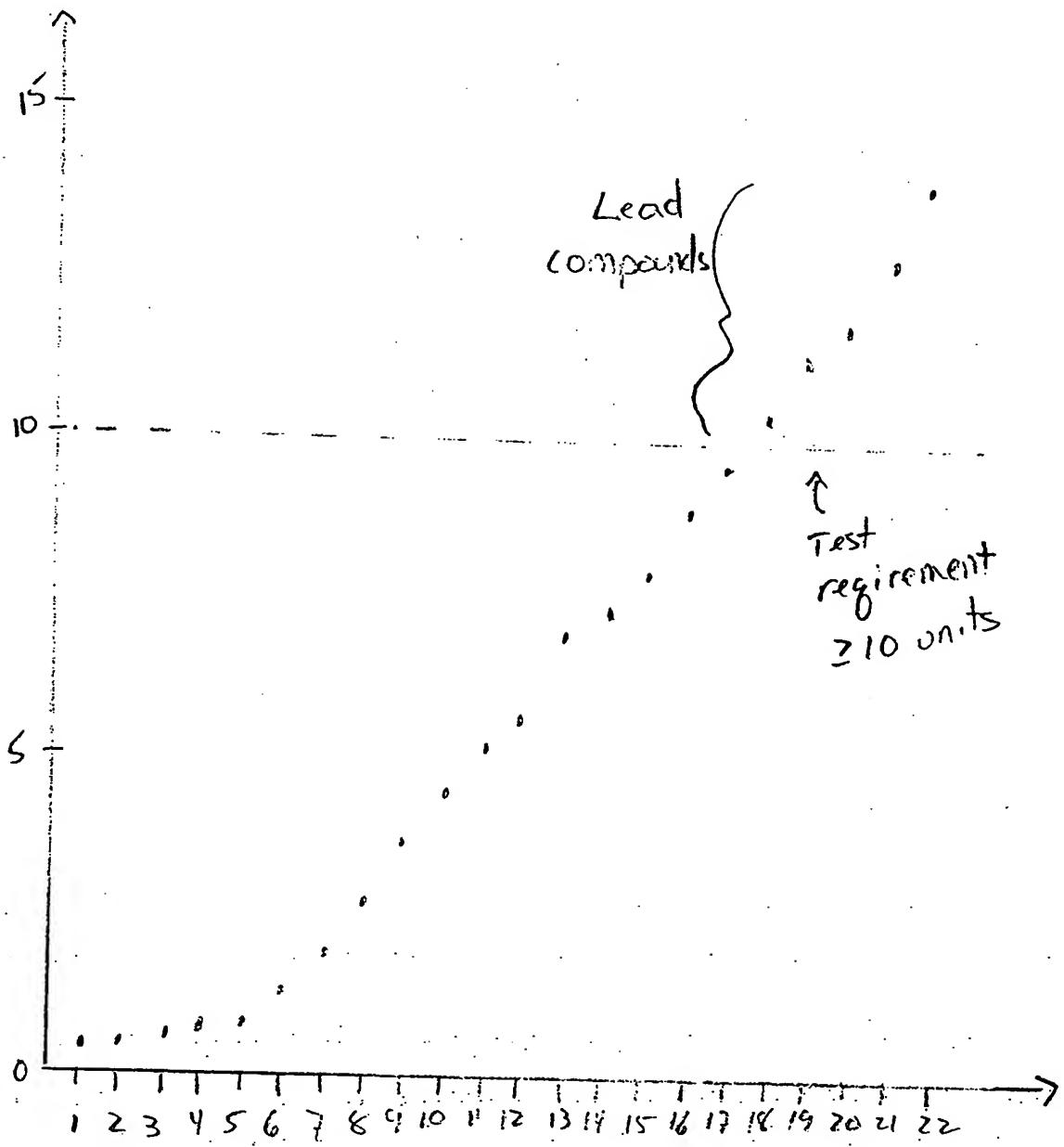


FIG. 4A

TOTAL DIPOLE

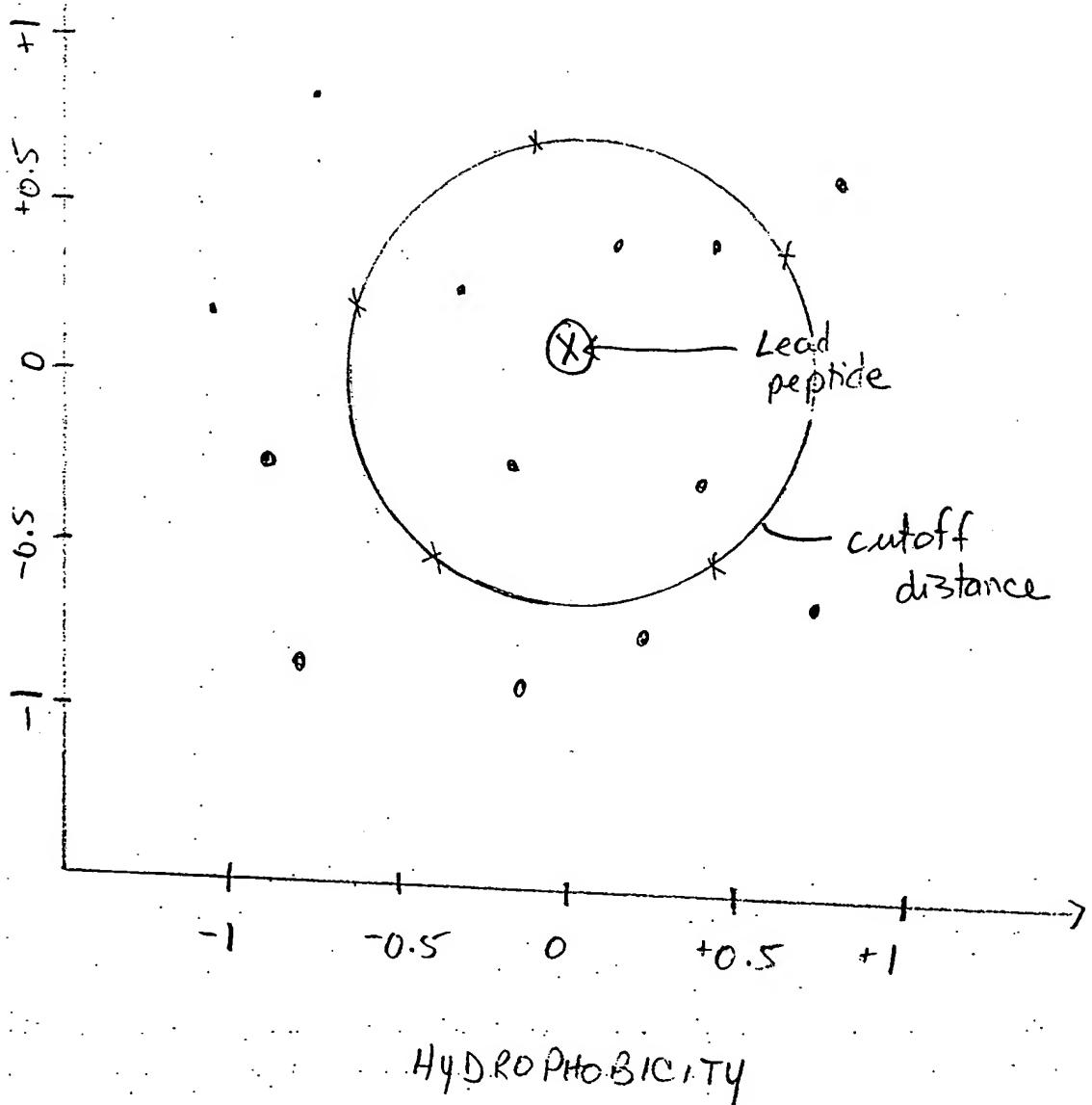


FIG. 4B

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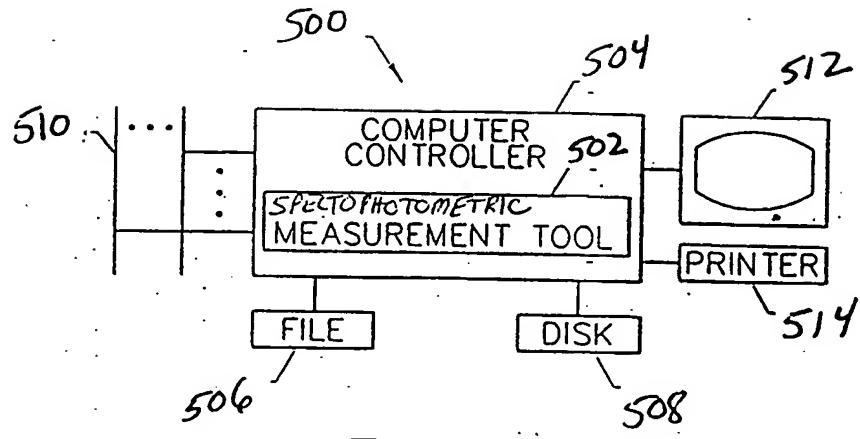


FIG. 5

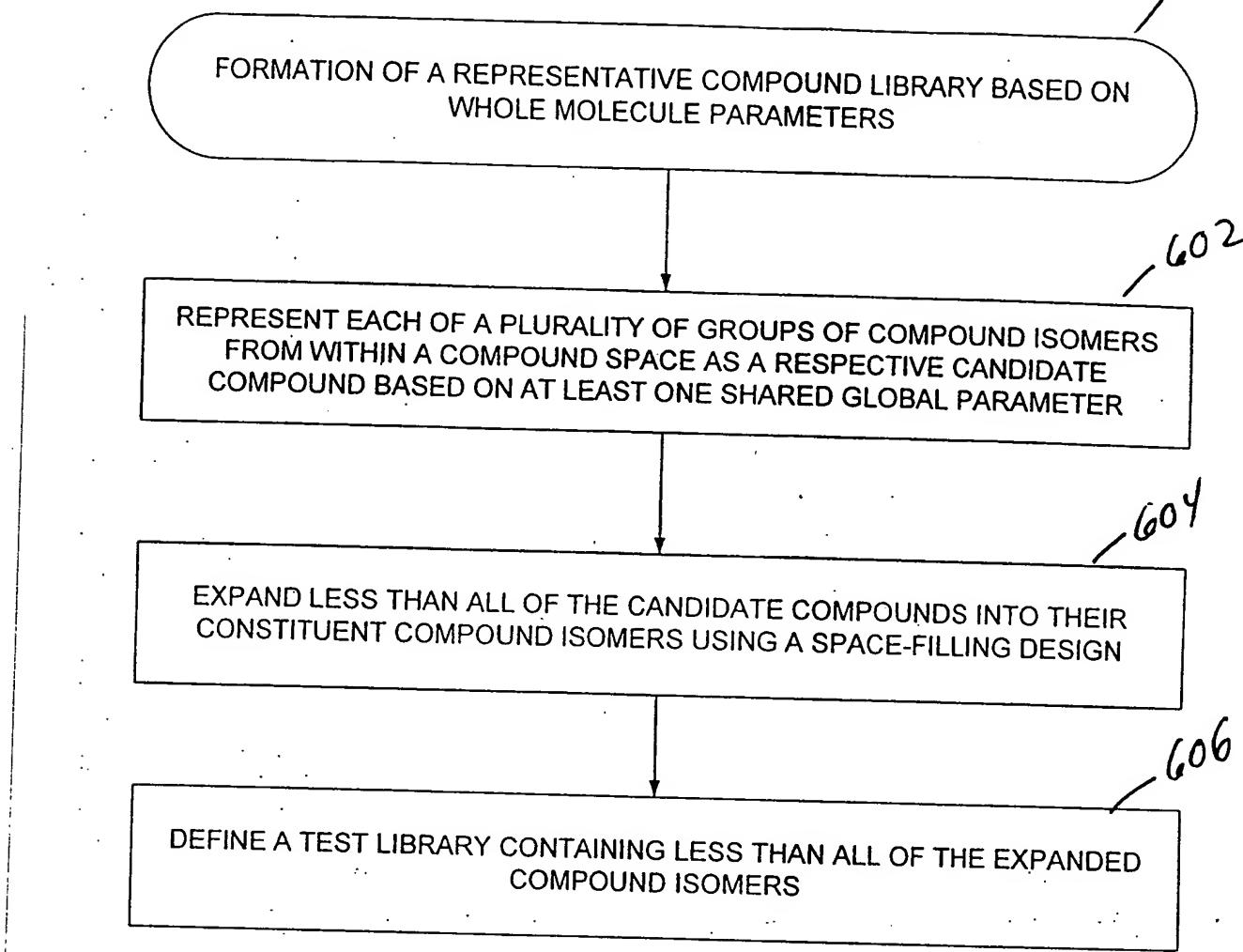


FIG. 6

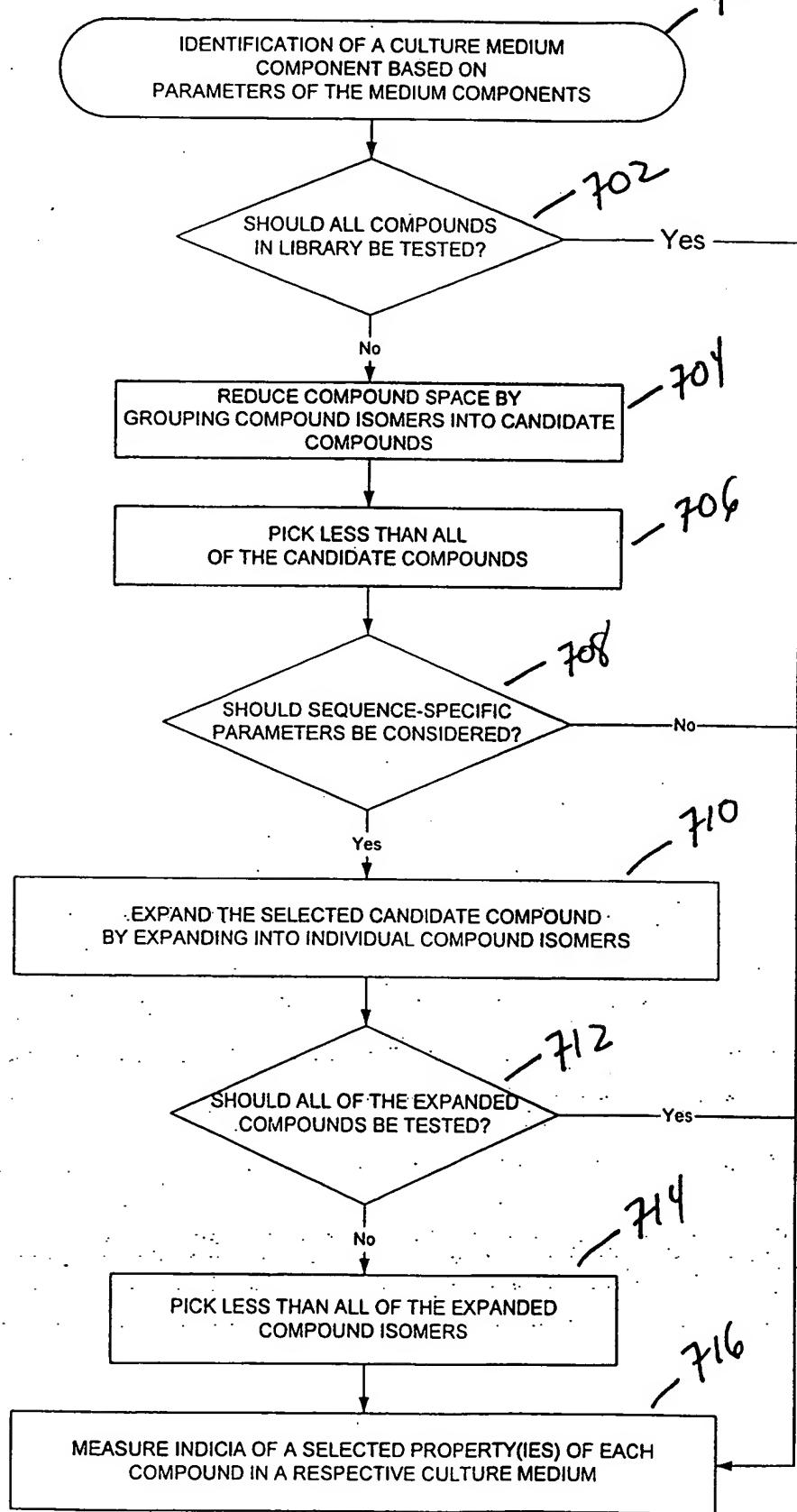


FIG. 7

PREDICTION OF THE BIOLOGICAL ACTIVITY OF A PEPTIDE BASED ON
WHOLE MOLECULE PARAMETERS OF THE PEPTIDE

MEASURING INDICIA OF A BIOLOGICAL ACTIVITY OF A PLURALITY OF TEST
PEPTIDES CHOSEN FROM A FIRST TEST PEPTIDE LIBRARY BASED ON A
SPACE-FILLING DESIGN

DETERMINING A RELATIONSHIP BETWEEN THE MEASURED INDICIA OF THE
BIOLOGICAL ACTIVITY AND AT LEAST ONE WHOLE MOLECULE PARAMETER OF
THE PLURALITY OF TEST PEPTIDES

PREDICTING THE INDICIA OF THE BIOLOGICAL ACTIVITY OF A PEPTIDE NOT
WITHIN THE PLURALITY OF TEST PEPTIDES BASED ON THE RELATIONSHIP

FIG. 8